

CHEMICAL ANALYZER PROBE  
WITH CHEMICAL SELECTIVE FILTER  
ABSTRACT OF THE DISCLOSURE

5       A chemical analyzer probe includes a gland extending from a tubular end to a second gland end connectable to a chemical analyzer. The gland has a sealing surface that seals to the opening. A porous tubular filter is joined to the tubular end of the  
10      gland and forms a filter cavity holding a filter fluid. A coating on the porous tubular filter is formed of a chemically selective material that allows a first chemical in the process fluid to flow into the filter fluid, while excluding a second chemical  
15      in the process fluid. A sensor couples to the filter fluid for sensing and connectable to a chemical analyzer through the second gland end.